



CLARK COUNTY • DEPARTMENT OF AIR QUALITY
4701 W Russell Rd., Suite 200 • 2nd Floor • Las Vegas NV 89118-2231
(702) 455-5942 • Fax (702) 383-9994

For DAQ Use Only

SURFACE COATING OPERATIONS ANNUAL EMISSIONS INVENTORY REPORT

Source ID (Permit) Number: _____ **Reporting Year:** _____
Company Name _____
Source (Facility) Name _____
Source (Facility) Address _____
City, State, and Zip _____
Mailing Address (If different) _____

VOC Emissions from Product / Material Usage:

- Gallons of products containing volatile organic compounds (VOC) or hazardous air pollutants (HAP), e.g. primers, basecoats, paints, and solvents, your facility used during the reporting calendar year: _____ gallons
- Method of Measurement: _____
- Weighted average VOC emission factor (lbs/gallon) contained in your current Air Quality Permit: _____ lbs/gallon
- Actual VOC emissions from VOC containing materials used and/or consumed: _____ tons/year
(Note: If you are completing this form manually, please refer to the directions on Page 2.)
- Actual HAP emissions from VOC containing materials used and/or consumed: _____ tons/year

Emissions from Heater(s) / Oven(s):

If you have a heater/oven (emission unit) listed in your permit, complete the following table. Input hours of operation for each unit as listed in the permit. If hours of operation are not listed in the permit, input 8,760 hours.

EU#	Permitted Hours (P)	Actual Hours (A)	Ratio A/P		PM ₁₀	PM _{2.5}	NO _x	CO	SO _x	VOC	HAP
				PTE*							
				Actual							
				PTE*							
				Actual							
				PTE*							
				Actual							

FACILITY TOTAL ACTUAL EMISSIONS (TONS/YEAR):									
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*Use Allowable Emissions if Potential to Emit (PTE) is not listed in the permit or Technical Support Document (TSD).

I certify that, based on information and belief formed after reasonable inquiry, the information contained in this document is true, accurate and complete.

Signature of Responsible Official

Signature Date

Responsible Official Print Name and Title: _____

Phone Number: _____ Cellular Number: _____

Responsible Official Email Address: _____

Please complete this form to the best of your knowledge electronically. Submit the completed report with the Responsible Official's original (wet) signature to the Department of Air Quality by mail or in person at the address listed above.

Directions for completing the form manually:

VOC Emissions from Product / Material Usage:

- Actual VOC emissions (tons/year) = Take the total VOC-containing material (primers, basecoats, paints, solvents etc.) used during the reporting year in gallons, and multiply the value by the **weighted average VOC emission factor (lbs/gallon) contained in your most current air quality permit**. Divide the result by 2000; this provides the tons/year of VOC emissions for your report as well as for the next calculation. You may substitute **5.0 pounds per gallon** for the emission factor if your most current Air Quality permit does not contain a **weighted average VOC emission factor**. This factor will give an acceptable estimate of your actual annual VOC emissions. You may also attach a computer-generated log of actual product consumption and VOC emissions.

_____ gallons X _____ pounds/gallon = _____ pounds ÷ 2000 = _____ tons of VOC emissions

- Enter the method of measurement (Purchase Records or Usage Log)
- Actual hazardous air pollutants (HAP) emissions (tons/year) = 47% of the actual VOC emissions (0.47 X VOC emissions)

_____ tons of VOC emissions X .47 = _____ tons of HAP emissions

Emissions from Heater(s) / Oven(s):

- Actual emissions from the Booth Heater/Oven for each regulated pollutant (If you have Booth Heater/Oven listed in your permit and operated it during the reporting year):

1. Take the actual Hours of operation of the Booth Heater/Oven (A) and divide the value by the permitted hours of operation (P) to get the A/P Ratio. If the permitted hours of operation is not listed in the permit, use 8,760 hours for (P)
2. Multiply the A/P ratio by the PTE/Allowable Emissions in tons/year of each regulated pollutant for the Booth Heater/Oven. The PTE/Allowable Emissions of each pollutant for the Booth Heater/Oven are listed in the permit or in the TSD.

Actual Hours ÷ Permitted Hours = A/P ratio;

A/P Ratio X each regulated pollutant's PTE/Allowable Emissions in tons per year = Actual emissions for each pollutant in tons/year.

3. Repeat the procedure above for each additional Booth Heater/Oven permitted.

- The facility's total actual VOC emissions = actual VOC emissions from VOC-containing materials used + actual VOC emissions from the Booth Heater(s)/Oven(s).
- The facility's total HAP emissions = actual HAP emissions from VOC-containing materials used + actual HAP emissions from the Booth Heater(s)/Oven(s)

If you have any questions or need clarification on completing this form, please contact the Air Quality Small Business Assistant Program at (702) 455-5942.